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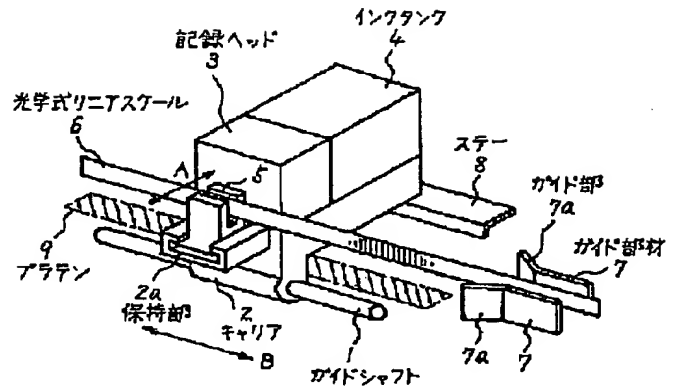
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APPLICANT : NEC NIIGATA LTD;

INVENTOR : TERASAWA SEIICHI;

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TITLE : RECORDING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To realize a recording device, the printing accuracy of which is high and no poor detection due to wear and tear of which is present, by a constitution wherein a detecting part is supported movably to the direction normal to a linear scale and, at the same time, a guide member for controlling the relative position between the linear scale and the detecting part is equipped so as to correct the position of the detecting part with guide parts.

SOLUTION: An optical linear scale 6 is mounted parallel to a guide shaft 1. An optical linear encoder consist of one light emitting part and the other light receiving part arranging facing each other across a groove provided at the middle parts of the encoder. In the groove part, the optical linear scale 6 is arranged under the condition that the groove part is supported movably by a retaining part 2a provided at the fore part of a carrier 2 normal to the optical linear scale 6 or to the direction A and further the groove is pressed against the retaining part 2a with a spring so as to develop no jolting between the groove and the retaining part. Further, two guide members 7 control and correct the position of the optical linear encoder 5 to the optical linear scale 6 and have guide parts 7a expanded at their respective one end.

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